

INTELLECTUAL PROPERTY LAW

June 18, 2004



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Our Reference: 4320-561

## Information Disclosure Statement

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA  
U.S.A. 22313-1450

Dear Sir:

**Re: United States Patent Application No. 10/790,239**  
**Filed: March 2, 2004**  
**For: IMMersed MEMBRANE APPARATUS**  
**Applicant: COTE et al.**

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In accordance with 37 C.F.R. 1.97 and 1.98, and in recognition of the duty of disclosure set forth in 37 C.F.R. 1.56, the applicant hereby submits an Information Disclosure Statement including a listing, on PTO Form SB/08A, of all patents and other publications of which the applicant is aware that may be considered material to the patentability of its claimed invention. In accordance with the waiver by the Office of the requirement under 37 CFR 1.98(a)(2)(i) for applications filed after June 30, 2003, this Information Disclosure Statement is filed without copies of the cited U.S. Patents. Further, pursuant to 37 CFR 1.98(d), only copies of references listed over and above the references previously supplied by the Applicants or cited by the Office in Application Serial No. 10/146,934 are enclosed.

This Information Disclosure Statement is filed within 3 months of the filing date or before the first Office Action and no fee is required.

Respectfully submitted,

**COTE et al.**

By: Scott Pundsack  
Scott R. Pundsack  
Registration No. 47,330

/js  
Encl.

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Substitute for form 1449A/PTO  
**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 4

**Complete if Known**

Application Number	10/790,239
Filing Date	March 2, 2004
First Named Inventor	COTE
Group Art Unit	1723
Examiner Name	Not Yet Assigned
Attorney Docket Number	4320-561

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US- 5,192,456	03/09/93	Ishida et al.	
		US- 5,230,796	07/27/93	Ter Meulen	
		US- 5,248,424	09/28/93	Cote et al.	
		US- 5,480,553	01/02/96	Yamamori et al.	
		US- 5,639,373	06/17/97	Manehendran	
		US- 5,783,083	07/21/98	Henshaw et al.	
		US- 5,922,201	07/13/99	Yamamori et al.	
		US- 6,156,200	12/05/00	Zha et al.	
		US- 6,214,231	4/10/01	Cote et al.	
		US- 6,325,928	12/4/01	Pedersen et al.	
		US-			
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

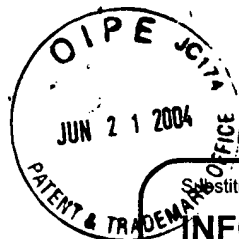
Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		JP 62-144712	06/27/87	Nippon Genshiryoku Jigyo		✓ Abstract
		EP 0931582	07/28/99	Mitsubishi Rayon Co.		
		EP 0598909	01/14/98	Mitsubishi Rayon Co.		
		WO 98/28066	07/02/98	Memtec America Corp.		
		WO 99/29630	06/17/99	Mitsubishi Rayon Co.		✓
		JP 07024272	01/27/95	Mitsubishi Rayon Co.		✓
		JP 7275665	10/24/95	Mitsubishi Rayon Co.		✓
		WO 00/21890	04/20/00	Zenon Environmental Inc.		

Examiner Signature		Date Considered	
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.  
<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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		US-			
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### FOREIGN PATENT DOCUMENTS

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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		DE 3318412	11-22-1984	Manzel GMBH & Co.		
		English language abstract of JP 04-265128				
		JP 04-265128	09-21-1992	Ebara Res Co. Ltd.		
		English language abstract of JP 07-185270				
		JP 07-185270	07-25-1995	Kurita Water Ind Ltd.		✓ Machine
		JP 07-185271	07-25-1995	Kurita Water Industries Ltd.		✓ Machine
		English language abstract of JP 07-251042				
		JP 07-251042	10-03-1995	Kubota Corp.		
		English language abstract of JP 08-187494				
		JP 08-187494	07-23-1996	Kubota Corp.		
		JP 08-323161	12-10-1996	Hitachi Plant Engineering & Construction Co., Ltd.		✓ Machine
		English language abstract of JP 09-192688				
		JP 09-192688	07-29-1997	Hitachi Chem. Co. Ltd.		✓ Machine

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Date  
Considered

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<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		English Language Abstract of Japanese Patent Publication No. JP7024264,	01/27/95	Mitsubishi Rayon Co.		
		English Language Abstract of Japanese Patent Publication No. JP7289859,	11/7/95	Mitsubishi Rayon Co.		
		English Language Abstract of Japanese Patent Publication No. JP8257372,	10/08/96	Mitsubishi Rayon Co.		
		English Language Abstract of Japanese Patent Publication No. JP10244262,	09/14/98	Mitsubishi Rayon Co.		
		English Language Abstract of Japanese Patent Publication No. JP11076764,	03/23/99	Mitsubishi Rayon Co.		
		English Language Abstract of Japanese Patent Publication No. JP11104466,	04/20/99	Mitsubishi Rayon Co.		
		English Language Abstract of Japanese Patent Publication No. JP8019730,	01/23/96	Inax Corp. et al.		
		English Language Abstract of Japanese Patent Publication No. JP7155564,	06/20/95	Mitsubishi Rayon Co.		
		English Language Abstract of Japanese Patent Publication No. JP9215980,	08/19/97	Mitsubishi Rayon Co. et al.		
		English Language Abstract of Japanese Patent Publication No. JP7178321,	07/18/95	Mitsubishi Rayon Co.		
		English Language Abstract of Japanese Patent Publication No. JP60261509,	12/24/85	Toshiba K.K.		
		English Language Abstract of Japanese Patent Publication No. JP9099222,	04/15/97	Mitsubishi Rayon Co.		
		English Language Abstract of Japanese Patent Publication No. JP11165200,	06/22/99	Mitsubishi Rayon Co. et al.		
		English Language Abstract of Japanese Patent Publication No. JP8332483	12/17/96	Inax Corp. et al.		
		English Language Abstract of Japanese Patent Publication No. JP10118470,	05/12/98	Mitsubishi Rayon Co.		
		English Language Abstract of Japanese Patent Publication No. JP08024591,	01/30/96	Inax Corp.		
		English Language Abstract of Japanese Patent Publication No. JP2000-288359	10/17/00	Hitachi Plant Eng & Constr Co. Ltd.		
		English Language Abstract of Japanese Patent Publication No. JP07-185271	07/25/95	Kurita Water Ind. Ltd.		
		English Language Abstract of Japanese Patent Publication No. JP08-323161	12/10/96	Hitachi Plant Eng & Constr Co. Ltd.		

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First Named Inventor	COTE
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Attorney Docket Number	4320-561

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		SUDA, K. et al. "Development of a tank-submerged type membrane filtration system", June 1998, P. 151-158	
		Technical Drawings of ZW500C RO module; ZENON Environmental Inc; pages 1-3, drawings not published but relate to a module used or sold in the U.S.A. prior to May 17, 2001.	

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